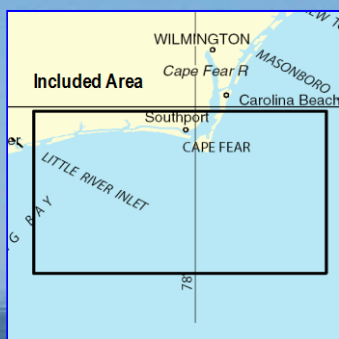


# BookletChart™

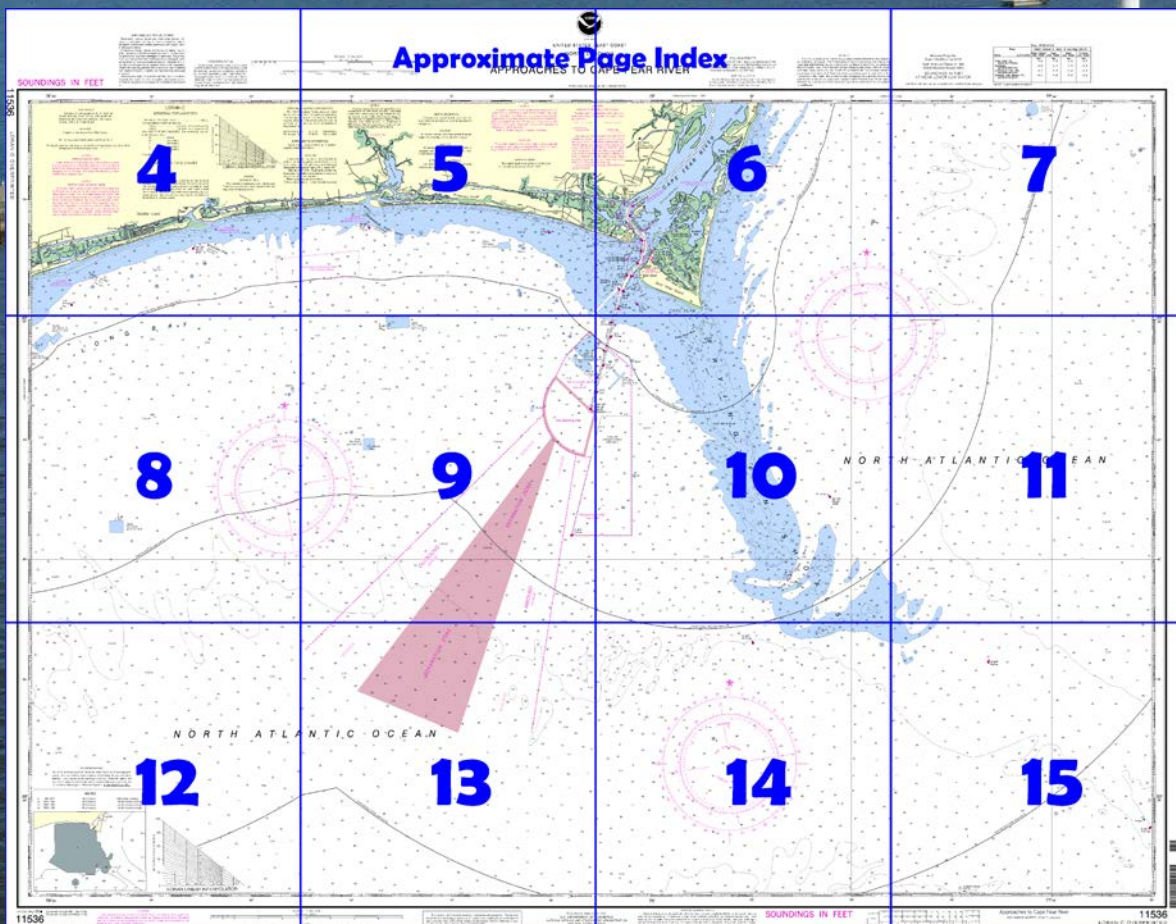
## Approaches to Cape Fear River NOAA Chart 11536



*A reduced-scale NOAA nautical chart for small boaters*  
*When possible, use the full-size NOAA chart for navigation.*



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



**Published by the**  
**National Oceanic and Atmospheric Administration**  
**National Ocean Service**  
**Office of Coast Survey**  
[www.NauticalCharts.NOAA.gov](http://www.NauticalCharts.NOAA.gov)  
**888-990-NOAA**

### What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

### What is a BookletChart™?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

### Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at <http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=11536>.



#### (Selected Excerpts from Coast Pilot)

**Cape Fear** is a low, sharp, sandy point 85 miles southwestward of Cape Lookout at the southern extremity of **Smith Island**. This island, on the eastern side of the entrance of Cape Fear River, is mostly low and marshy, but on the western side has a thick growth of trees and a 99-foot-high octagonal tower of an abandoned light. A marina near the abandoned light has berths with electricity, gasoline, diesel fuel, a pump-out station, and marine supplies. In

2006, an approach and alongside depth of 7.5 feet was reported.

**Frying Pan Shoals**, extending south-southeastward from Cape Fear, are bare in spots near the shore and have general depths of 2 to 12 feet in

an unbroken line to a point 10 miles from the cape; for 6 miles farther the shoals are broken with depths ranging from 10 to 20 feet. A natural channel, known as **Frying Pan Shoals Slue**, cuts through the shoals about 11.5 miles southward of Cape Fear. The slue is marked at the northeastern approach by a lighted whistle buoy, about midway of its length by two buoys, and at its southwestern approach by a lighted buoy. A depth of about 20 feet can be carried through the channel with the aid of the chart. The channel is used by fishing boats and other small craft.

**Lockwoods Folly Inlet** is entered over a shifting bar 11 miles westward of Cape Fear River. Strangers should not attempt it as the inlet is enclosed by breakers at virtually all stages of tide and wind. Due to frequent changes, mariners are advised to seek local knowledge before entering the inlet. The approach to the inlet is marked by a lighted whistle buoy. The buoys marking the inlet are not charted, because they are frequently shifted in position to mark the best water. There are three charted wrecks, all showing at low water, near the entrance to the inlet; two are at the mouth, and the other is about 0.3 mile to the westward 200 yards offshore. A high sand dune is east of the inlet.

**Lockwoods Folly River** is navigable from the ocean to the Intracoastal Waterway, at the head of the marshes inside the inlet, and thence to a fixed highway bridge at **Supply**, which is at the practical head of navigation 16 miles above the waterway. The channel is narrow, bordered on both sides by oyster bars covered at high water, and not maintained. In 2008, the controlling depth was 4.3 feet from the Intracoastal Waterway to Supply. The river channel is marked by daybeacons to a pier at **Varnumtown**, about 1.6 miles northward of the Intracoastal Waterway where gasoline and water can be obtained. The river is used by commercial shrimp boats to Varnumtown.

An **explosives anchorage** is centered about 3.5 miles southwestward of Lockwoods Folly Inlet. (See **110.170**, chapter 2, for limits and regulations.)

**Shallotte Inlet**, 19 miles westward of Cape Fear River, is entered over a shifting bar and has a winding entrance. A lighted whistle buoy marks the entrance. The bar channel is subject to continual change, and the buoys marking it are shifted frequently to mark the best water, and therefore not charted. The inlet, used only by local fishermen and not recommended to strangers, provides an access from the sea to the Intracoastal Waterway and to **Shallotte River**. The river is navigable to the town of **Shallotte**, about 8 miles above the inlet. In 2008, the river from the Intracoastal Waterway to Shallotte was shoal to bare in several areas; extreme caution is advised. The mean range of tide is 4.6 feet near the inlet and about 3 feet at Shallotte.

Berthage, electricity, gasoline, water, ice, and wet and dry storage are available at the marina on the west bank of Shallotte River, about 0.6 mile above the Intracoastal Waterway. Hull and engine repairs can be made. The facility at Bowen Point is also described with the Intracoastal Waterway in Chapter 12.

**Tubbs Inlet**, 6 miles westward of Shallotte Inlet, is seldom used. It is unmarked and not recommended to strangers.

### U.S. Coast Guard Rescue Coordination Center 24 hour Regional Contact for Emergencies

RCC Miami

Commander  
7th CG District  
Miami, FL

(305) 415-6800

# Navigation Managers Area of Responsibility



**NOAA's navigation managers** serve as ambassadors to the maritime community.

They help identify navigational challenges facing professional and recreational mariners, and provide NOAA resources and information for safe navigation. For additional information, please visit [nauticalcharts.noaa.gov/service/navmanagers](http://nauticalcharts.noaa.gov/service/navmanagers)

To make suggestions or ask questions online, go to [nauticalcharts.noaa.gov/inquiry](http://nauticalcharts.noaa.gov/inquiry).

To report a chart discrepancy, please use [ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx](http://ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx).

## Lateral System As Seen Entering From Seaward

on navigable waters except Western Rivers



For more information on aids to navigation, including those on Western Rivers, please consult the latest USCG Light List for your area.

These volumes are available online at <http://www.navcen.uscg.gov>



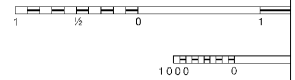
11536

# SOUNDINGS IN FEET

NOTE Z  
NO-DISCHARGE ZONE, 40 CFR 140  
Under the Clean Water Act, Section 312, all vessels operating within a No-Discharge Zone (NDZ) are completely prohibited from discharging any sewage, treated or untreated, into the waters. All vessels with an installed marine sanitation device (MSD) that are navigating, moored, anchored, or docked within a NDZ must have the MSD disabled to prevent the overboard discharge of sewage (treated or untreated) or install a holding tank. Regulations for the NDZ are contained in the U.S. Coast Pilot. Additional information concerning the regulations and requirements may be obtained from the Environmental Protection Agency (EPA) web site: [http://www.epa.gov/owow/oceans/regulatory/vessel\\_sewage/](http://www.epa.gov/owow/oceans/regulatory/vessel_sewage/).

## HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.62" northward and 1.006" eastward to agree with this chart.



78° 30'

25'

20'

## AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

## HEIGHTS

Heights in feet above Mean High Water.

For Symbols and Abbreviations see Chart No. 1

COLREGS: International Regulations for Preventing Collisions at Sea, 1972.  
Demarcation lines are shown thus: - - - - -

## NOTE B

### PRECAUTIONARY AREA

Traffic within the Precautionary Area may consist of vessels operating between Cape Fear River and one of the established traffic lanes. Mariners are advised to exercise extreme care in navigating within this area. The normal Pilot Boarding Area is outlined by a magenta band.

## NOTE C

### TRAFFIC SEPARATION SCHEME

One-way traffic lanes overprinted on this chart are RECOMMENDED for use by all vessels traveling between the points involved. They have been designed to aid in the prevention of collisions at the approaches to Cape Fear River, but are not intended in any way to supersede or alter the applicable Rules of the Road. The separation zone is intended to separate inbound and outbound traffic and to be free of ship traffic. The separation zone should not be used except for crossing purposes. When crossing traffic lanes and the separation zone use extreme caution.

## HURRICANES AND TROPICAL STORMS

Hurricanes, tropical storms and other major storms may cause considerable damage to marine structures, aids to navigation and moored vessels, resulting in submerged debris in unknown locations.

Charted soundings, channel depths and shoreline may not reflect actual conditions following these storms. Fixed aids to navigation may have been damaged or destroyed. Buoys may have been moved from their charted positions, damaged, sunk, extinguished or otherwise made inoperative. Mariners should not rely upon the position or operation of an aid to navigation. Wrecks and submerged obstructions may have been displaced from charted locations. Pipelines may have become uncovered or moved.

Mariners are urged to exercise extreme caution and are requested to report aids to navigation discrepancies and hazards to navigation to the nearest United States Coast Guard unit.

## CAUTION

Entrance to Inlets

The channels are subject to continual changes. Entrance buoys are not charted because they are frequently shifted in position.

## NOAA WEATHER

The NOAA Weather Service provides continuous reception of radio navigational signals from as much as 100 nautical miles.

Myrtle Beach, SC  
Wilmington, NC

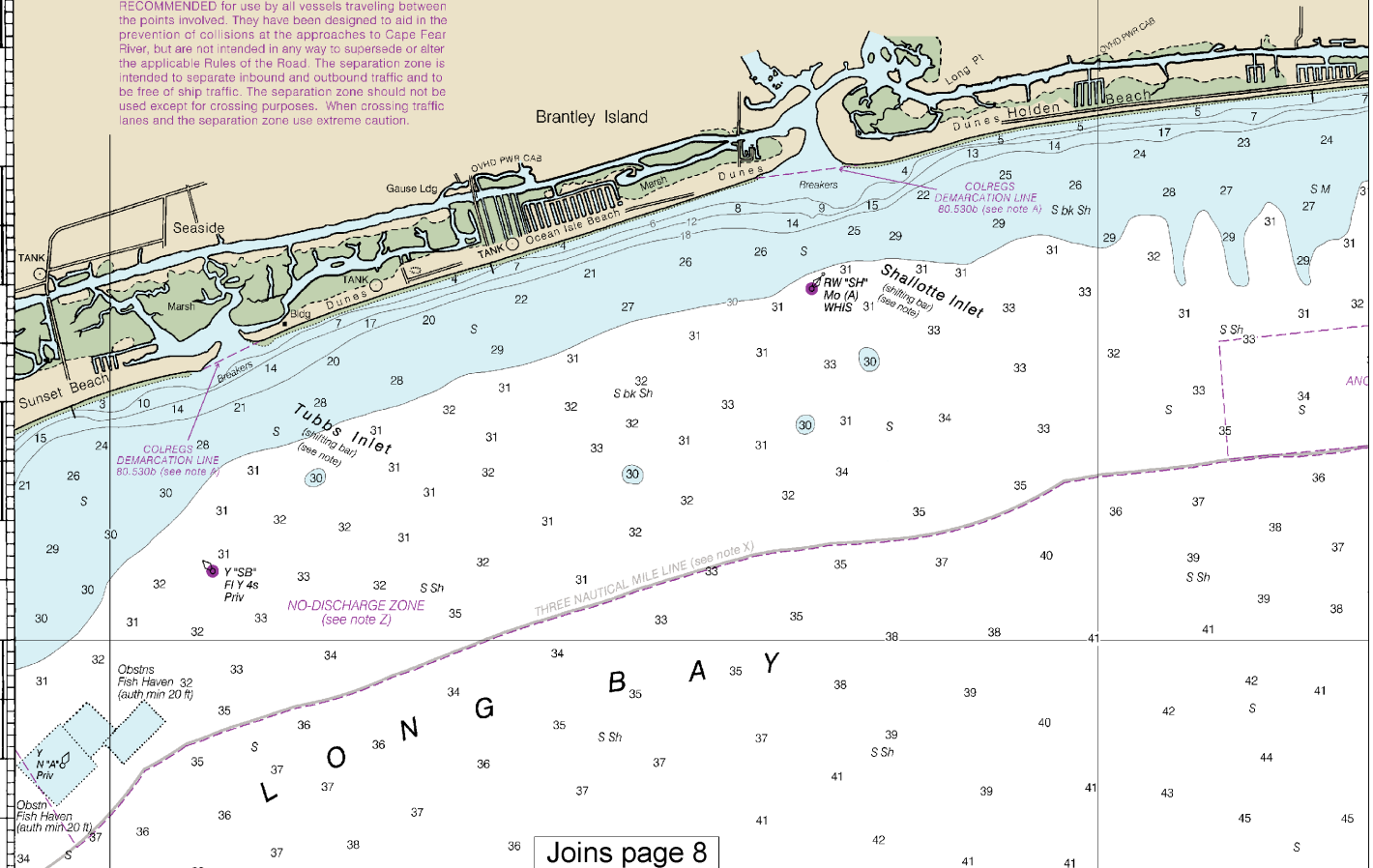
## SUPPLEMENTAL INFORMATION

Consult U.S. Coast Guard supplemental information.

Limitations on the use of this chart for navigation. U.S. Coast Guard Geospatial-Intelligence Radio direction-finding broadcasting station should be used with Station positions. (C) Accurate location

55'

33° 50'



Joins page 8

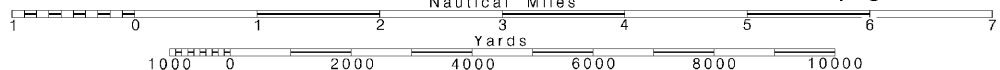
4

Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:80,000  
Nautical Miles

See Note on page 5.





THE NATION'S CHARTMAKER

UNITED STATES - EAST

NORTH CAROLINA

# APPROACHES TO CA

Formerly C&GS 1236, 1st Ed., June 192

SCALE 1:80,000

Nautical Miles

Yards

**RADIO BROADCASTS**  
Weather Radio stations listed  
continuous weather broadcasts.  
range is typically 20 to 40  
in the antenna site, but can be  
nautical miles for stations at

KEC-95 162.400 MHz  
KHB-31 162.550 MHz

**ADDITIONAL INFORMATION**  
Coast Pilot 4 for important  
information.

**CAUTION**  
The use of radio signals as  
navigation can be found in the  
rd Light Lists and National  
ence Agency Publication 117.  
finder bearings to commercial  
tions are subject to error and  
with caution.  
is shown thus:  
only (Approximate location)

## NOTES

Regulations for Ocean Dumping Sites are  
contained in 40 CFR, Parts 220-229. Additional  
information concerning the regulations and re-  
quirements for use of the sites may be obtained  
from the Environmental Protection Agency (EPA).  
See U.S. Coast Pilot's appendix for addresses of  
EPA offices. Dumping subsequent to the survey  
dates may have reduced the depths shown.

## AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for  
supplemental information concerning aids to  
navigation.

## CAUTION

Improved channels shown by broken lines are  
subject to shoaling, particularly at the edges.

## CAUTION

Temporary changes or defects in aids to  
navigation are not indicated on this chart. See  
Local Notice to Mariners.

## INTRACOASTAL WATERWAY

Use chart 11534. The depths and channel  
markers are not shown hereon.

## NOTE A

Navigation regulations are published in Chapter 2, U.S.  
Coast Pilot 4. Additions or revisions to Chapter 2 are pub-  
lished in the Notice to Mariners. Information concerning the  
regulations may be obtained at the Office of the Commander,  
5th Coast Guard District in Portsmouth, Virginia or at the  
Office of the District Engineer, Corps of Engineers in  
Wilmington, North Carolina.  
Refer to charted regulation section numbers.

## WARNING

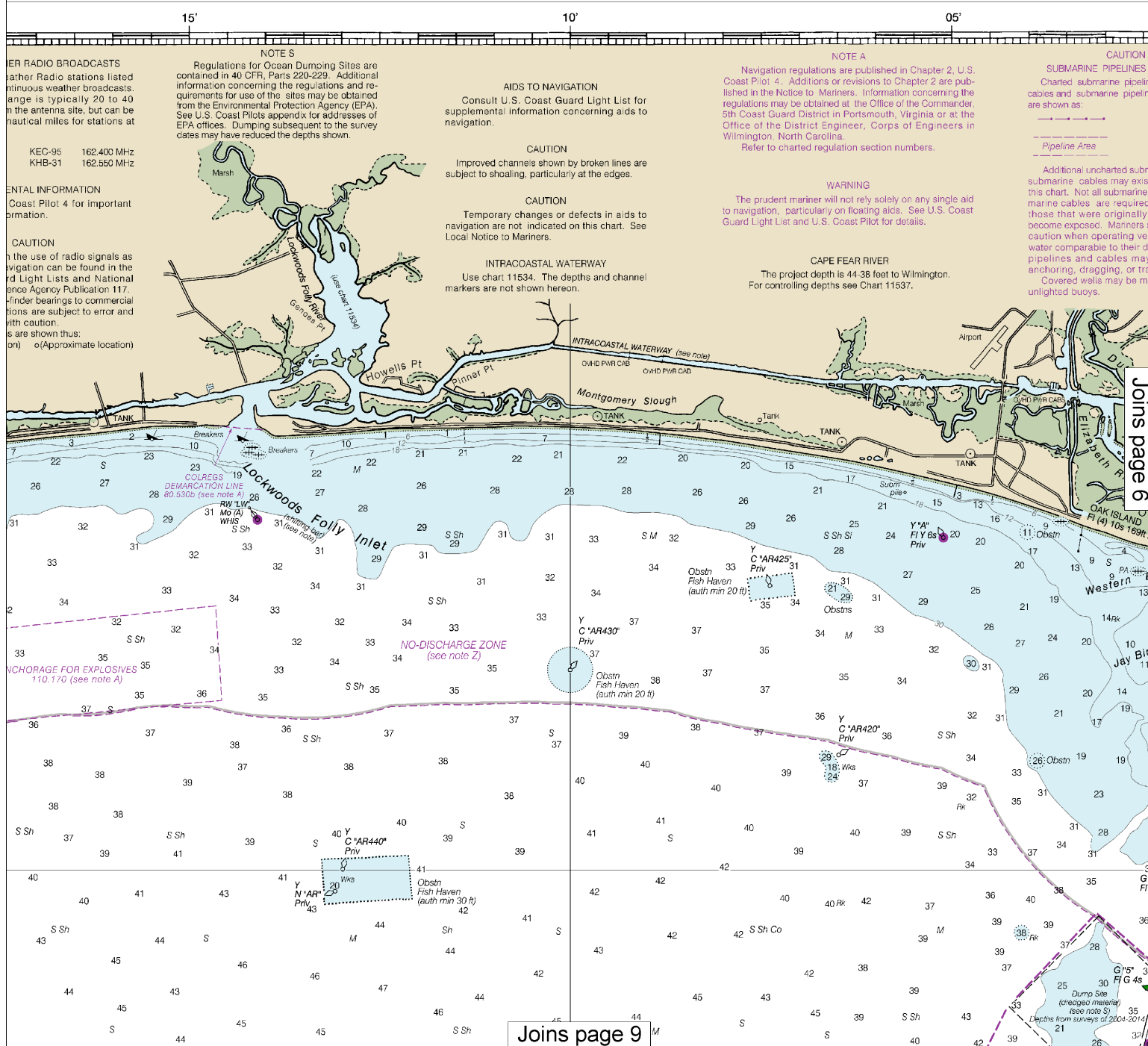
The prudent mariner will not rely solely on any single aid  
to navigation, particularly on floating aids. See U.S. Coast  
Guard Light List and U.S. Coast Pilot for details.

## CAUTION

**SUBMARINE PIPELINES**  
Charted submarine pipelin-  
cables and submarine pipelin-  
are shown as:

Pipeline Area

Additional uncharted sub-  
marine cables may exist  
this chart. Not all submarine  
marine cables are required  
those that were originally  
become exposed. Mariners  
caution when operating ves-  
water comparable to their  
pipelines and cables may  
anchoring, dragging, or tra-  
Covered wells may be ma-  
unlighted buoys.



This BookletChart was reduced to 70% of the original chart scale.  
The new scale is 1:114285. Barscales have also been reduced and  
are accurate when used to measure distances in this BookletChart.



NATION'S CHARTMAKER SINCE 1807

STATES - EAST COAST

NORTH CAROLINA

# TO CAPE FEAR RIVER

formerly C&GS 1236, 1st Ed., June 1926 C-1926-265 KAPP 211

## POLLUTION REPORTS

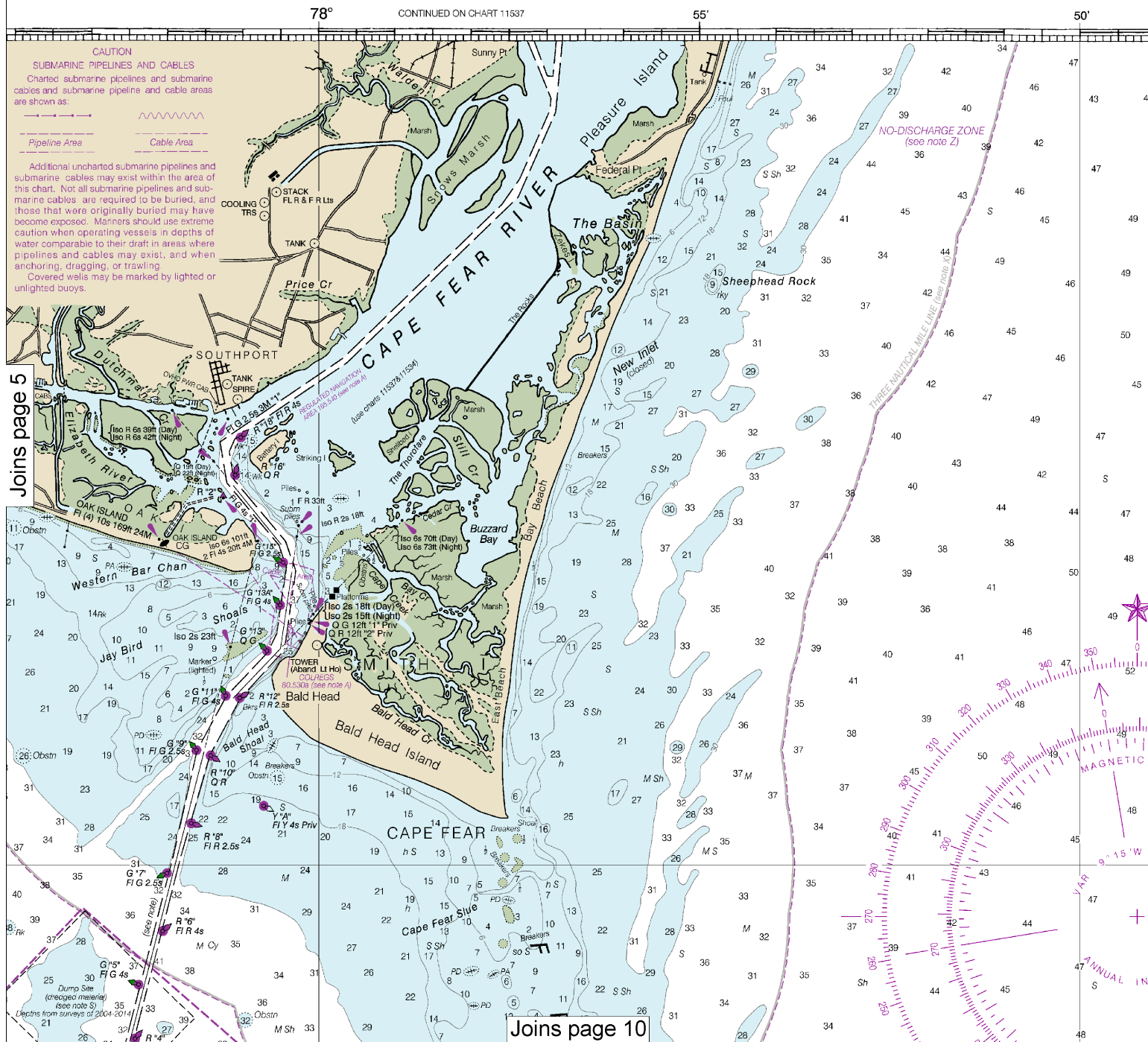
Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

## RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

## NOTE X

Within the 12-nautical mile Territorial Sea, established by Presidential Proclamation, the outer limit of the territorial sea, is retained as it continues to depict the limit of the other laws. The 9-nautical mile Natural Resource Boundary of Florida, Texas, and Puerto Rico, and the Three Nautical Mile Line of most cases the inner limit of Federal fisheries jurisdiction and the jurisdiction of the states. The 24-nautical mile Contiguous Zone and the 200-nautical mile Exclusive Economic Zone were established by Presidential Proclamation. Unless fixed by treaty or the U.S. Supreme Court, these maritime boundaries are subject to modification.



6

Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:80,000

See Note on page 5.

Proclamation, as identified as the jurisdictional boundary off the Gulf coast of the United States. Any other limits remain in the outer limit of the and the 200-nautical mile limit. Proclamation, the limits are subject

Mercator Projection  
Scale 1:80,000 at Lat. 33°43'  
North American Datum of 1983  
(World Geodetic System 1984)

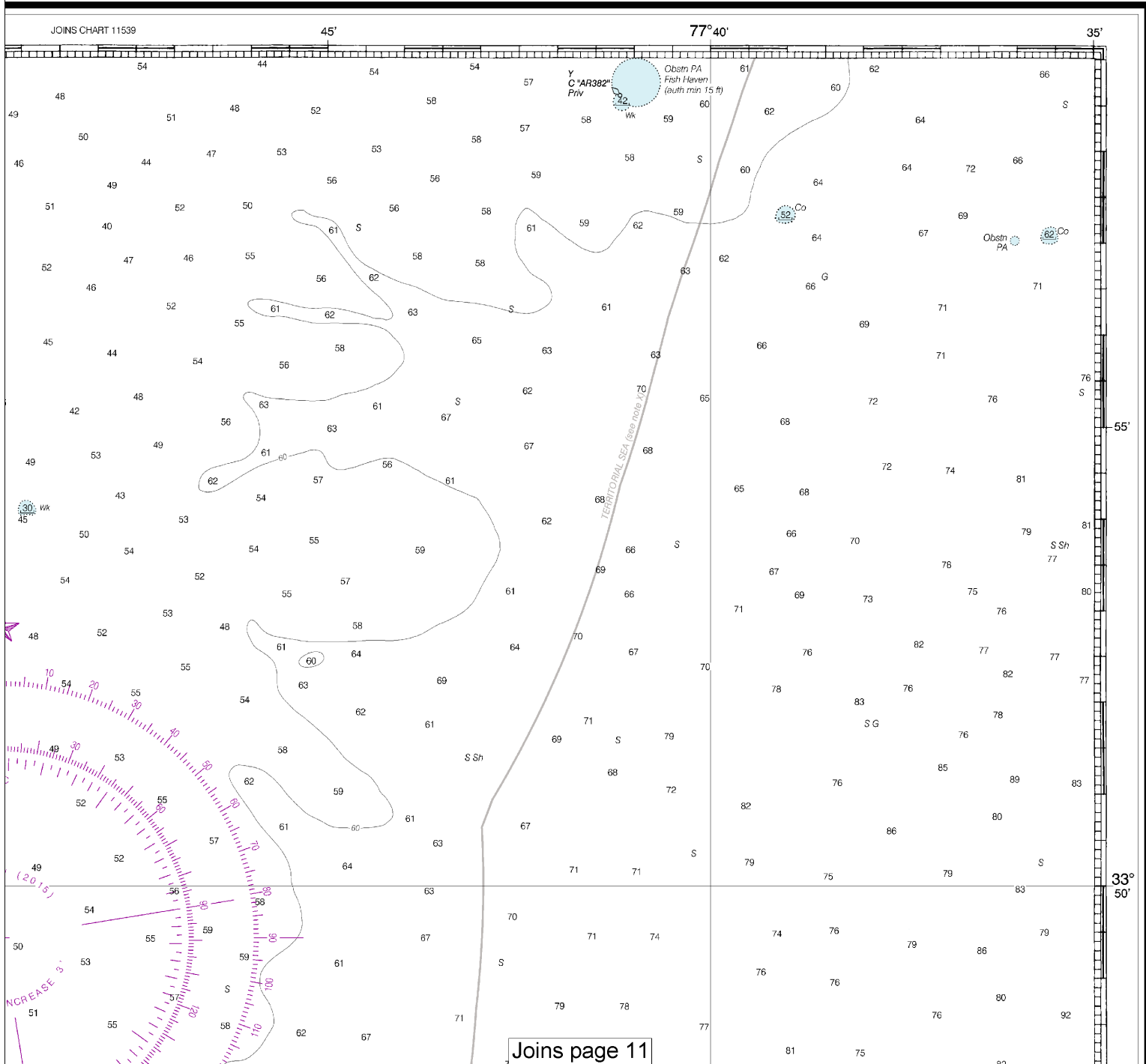
SOUNDINGS IN FEET  
AT MEAN LOWER LOW WATER

Additional information can be obtained at [nauticalcharts.noaa.gov](http://nauticalcharts.noaa.gov).

TIDAL INFORMATION

NAME	PLACE (LAT/LONG)	Height referred to datum of soundings (MLLW)		
		Mean Higher High Water	Mean High Water	Mean Low Water
Cape Fear	(33°51'N/77°58'W)	feet 5.0	feet 4.7	feet 0.2
Southport	(33°55'N/78°01'W)	4.7	4.4	0.1
Lockwoods Folly Inlet	(33°55'N/78°14'W)	4.7	4.4	0.2
Snailotte Inlet (Bowen Pt.)	(33°55'N/78°22'W)	5.1	4.8	0.2

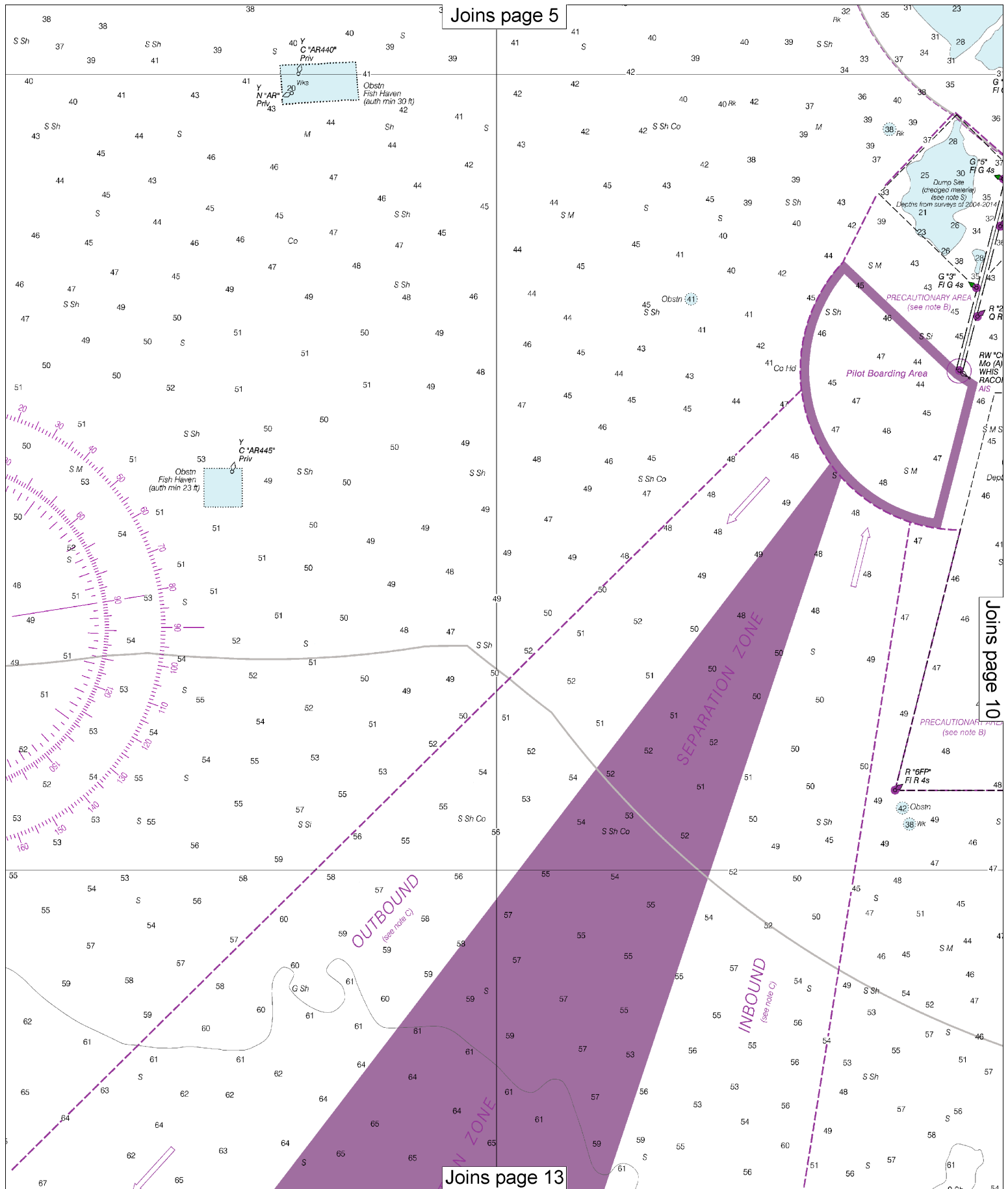
Dashes (---) located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the Internet from <http://tidesandcurrents.noaa.gov>. (Dec 2014)





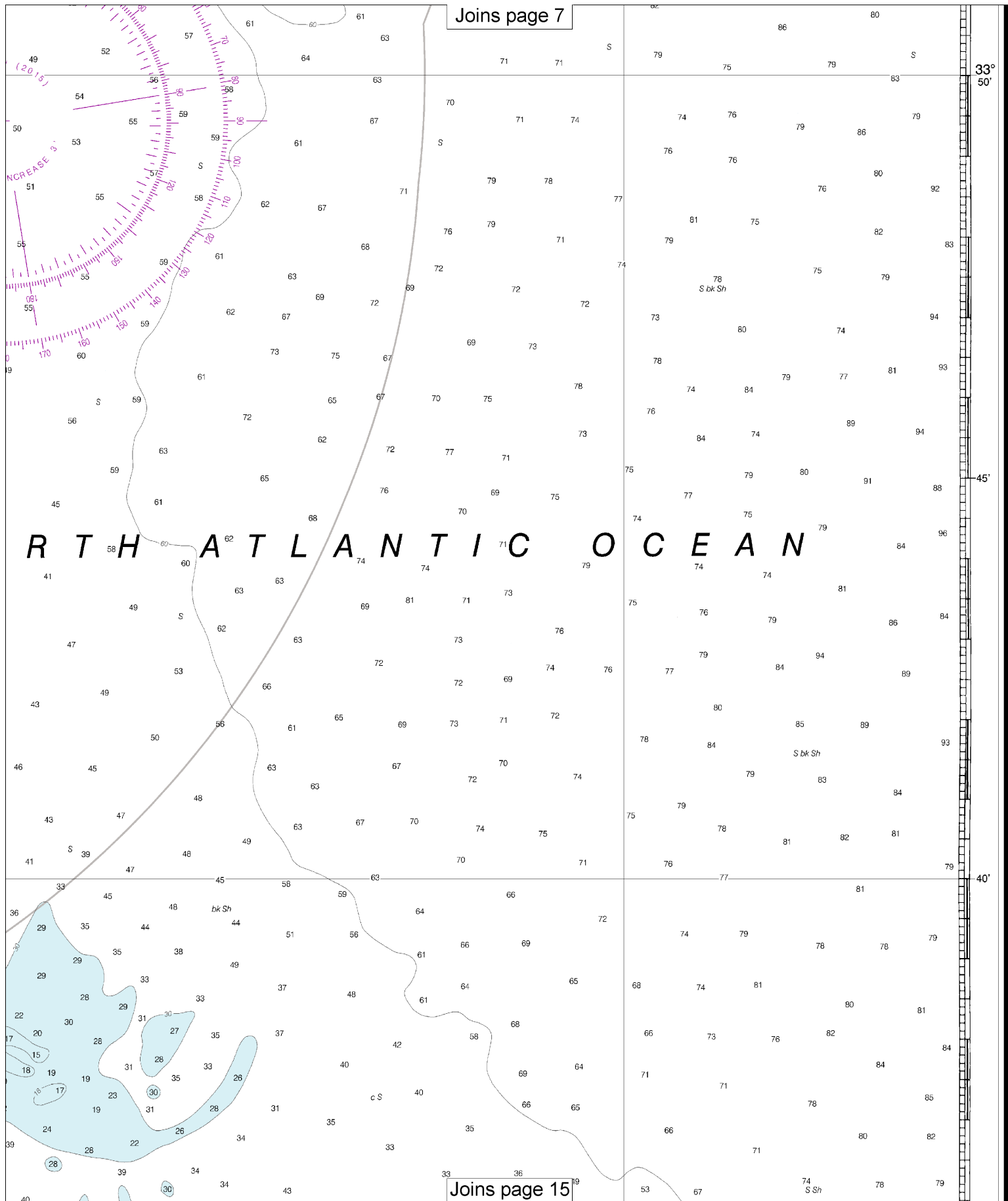


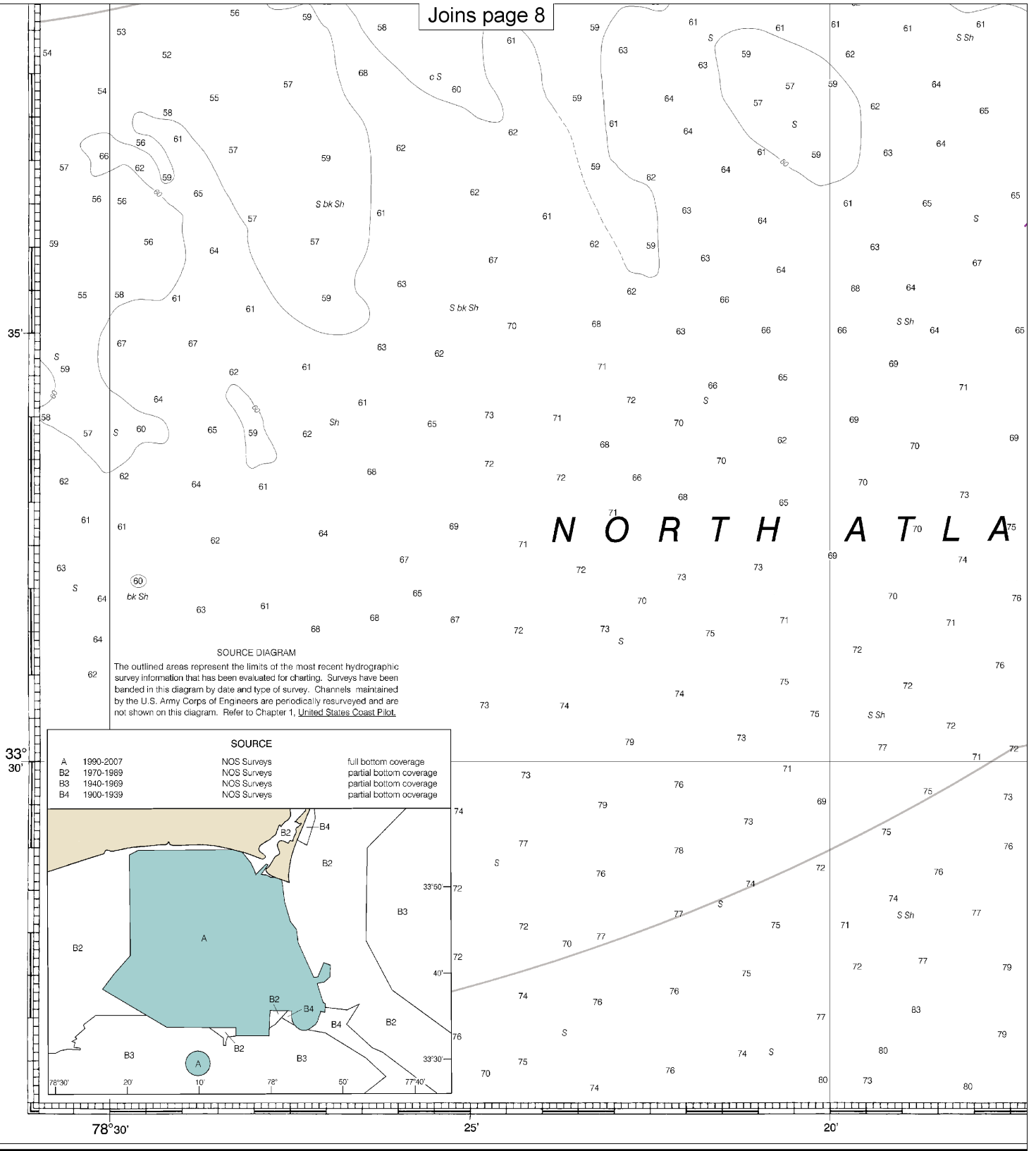
Joins page 5



Joins page 10







20th Ed., Jan. 2015

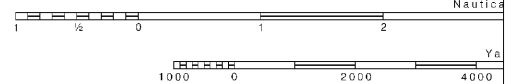
11536

**CAUTION**

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at [nauticalcharts.noaa.gov](http://nauticalcharts.noaa.gov)

Last Correction: 5/25/2016. Cleared through:  
LNM: 2516 (6/21/2016), NM: 2716 (7/2/2016)

**SCALE**



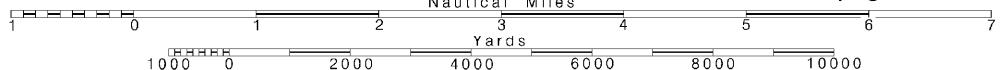
12

Note: Chart grid lines are aligned with true north.

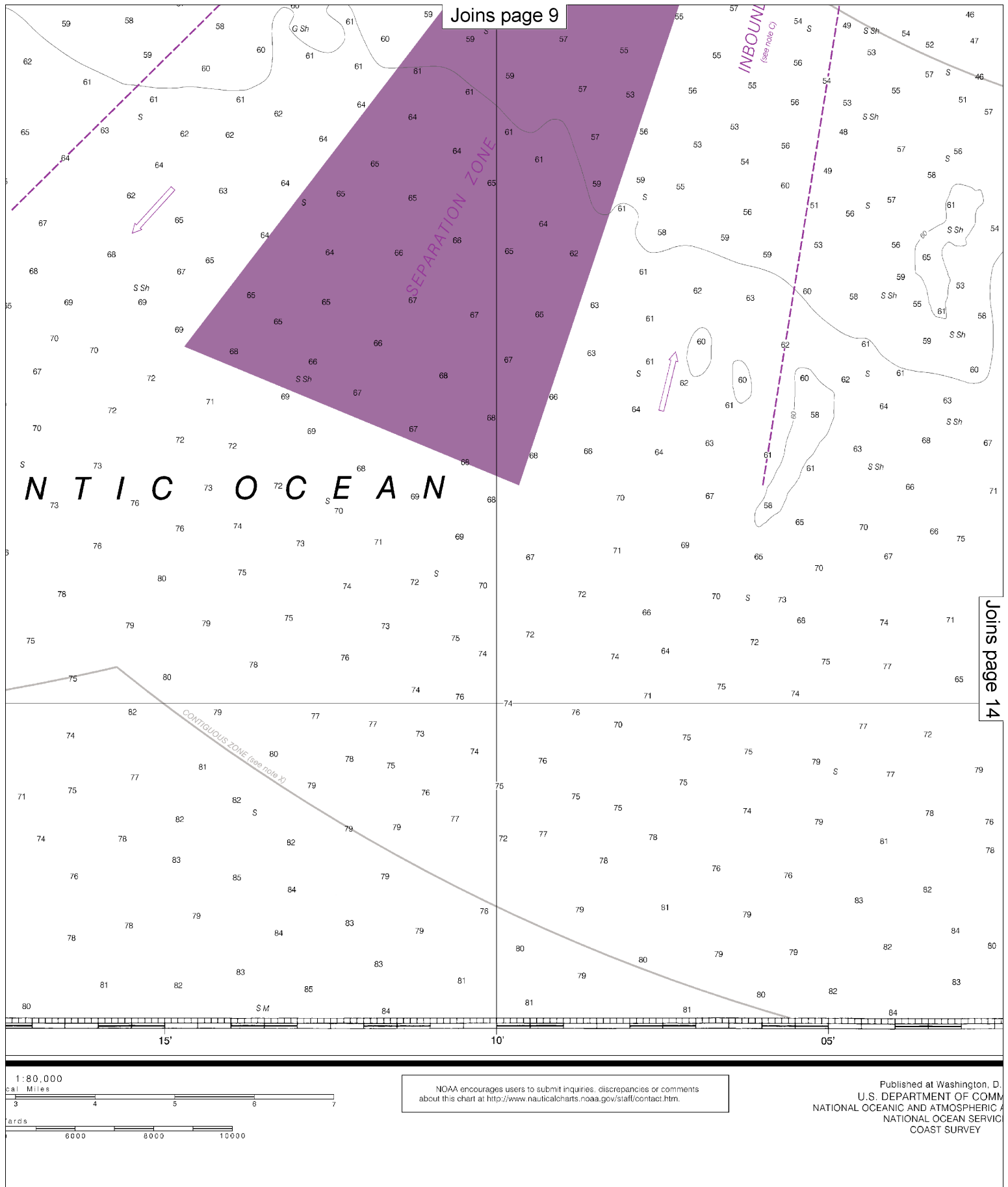
Printed at reduced scale.

SCALE 1:80,000  
Nautical Miles

See Note on page 5.



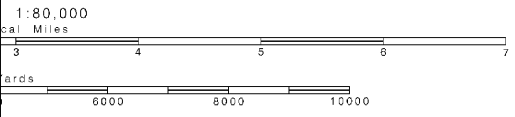




Joins page 9

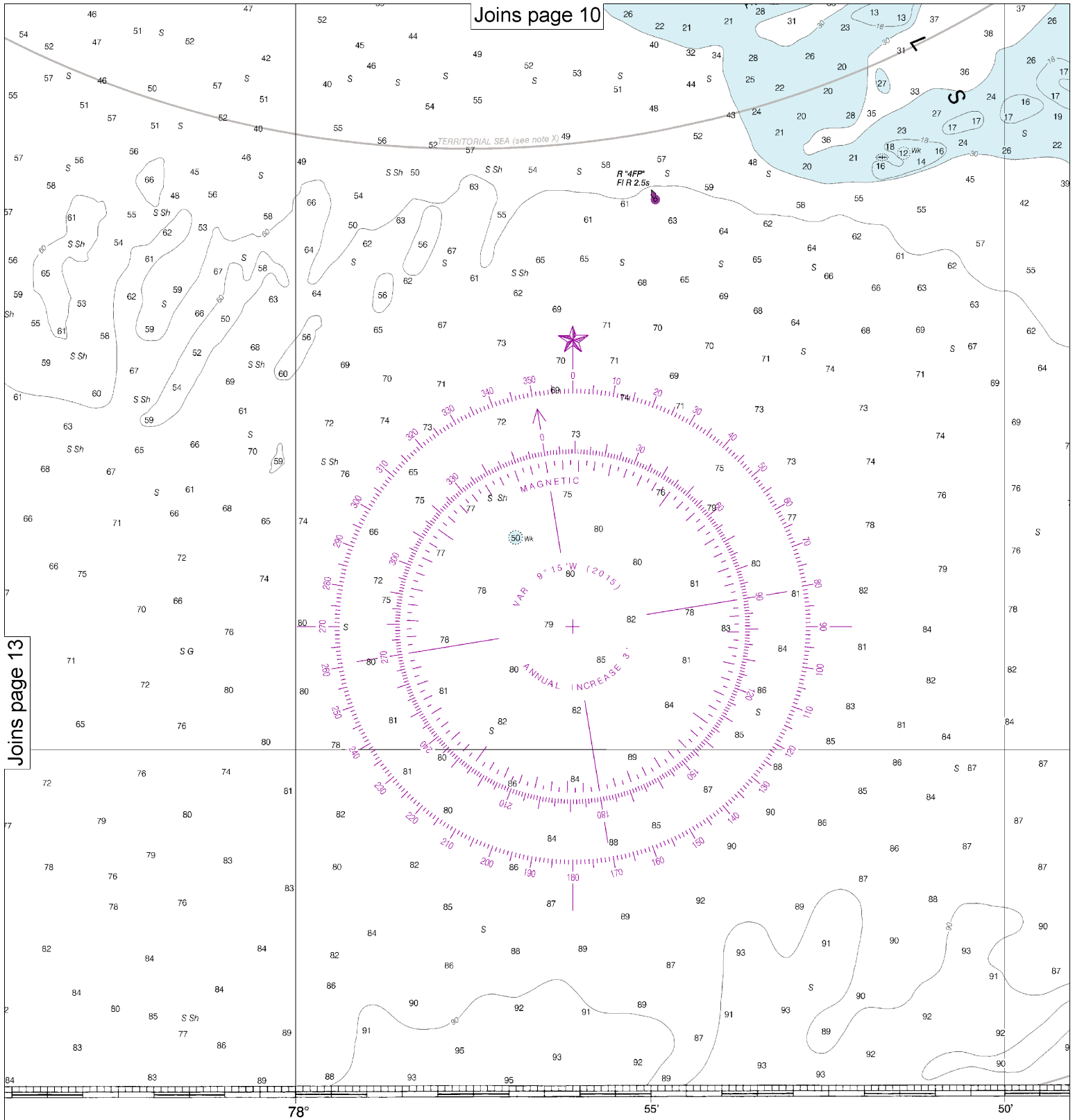
INBOUND  
(see note C)

Joins page 14



NOAA encourages users to submit inquiries, discrepancies or comments about this chart at <http://www.nauticalcharts.noaa.gov/staff/contact.htm>.

Published at Washington, D.  
U.S. DEPARTMENT OF COMMERCE  
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SERVICE  
COAST SURVEY



Joins page 13

Published at Washington, D.C.  
DEPARTMENT OF COMMERCE  
NAUTIC AND ATMOSPHERIC ADMINISTRATION  
NATIONAL OCEAN SERVICE  
COAST SURVEY

SOUNDINGS IN FEET

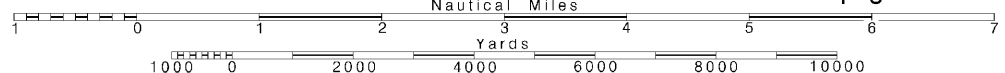
14

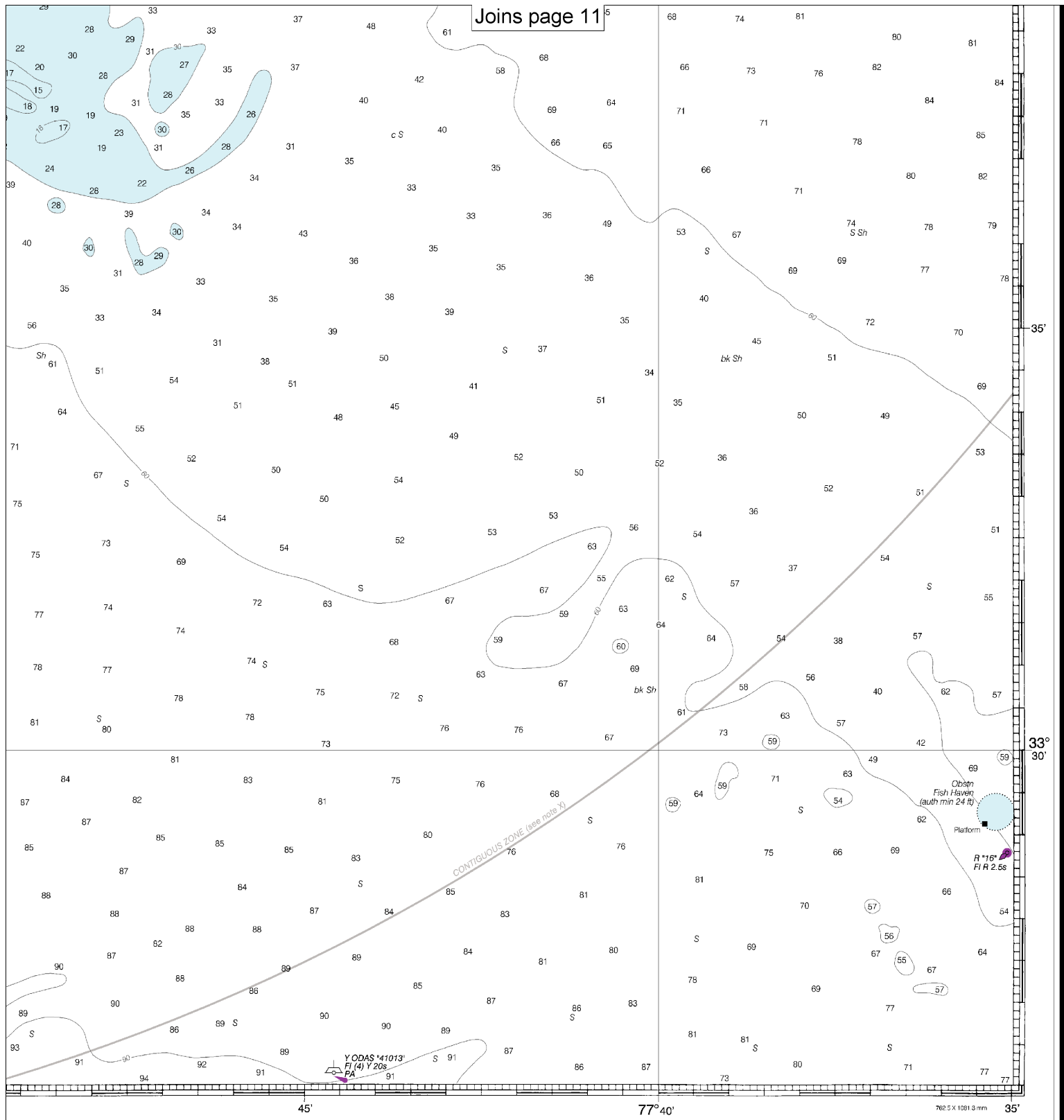
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

SCALE 1:80,000

See Note on page 5.





FATHOMS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
FEET	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102
METERS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Approaches to Cape Fear River  
SOUNDINGS IN FEET - SCALE 1:80,000

11536



## VHF Marine Radio channels for use on the waterways:

**Channel 6** – Inter-ship safety communications.

**Channel 9** – Communications between boats and ship-to-coast.

**Channel 13** – Navigation purposes at bridges, locks, and harbors.

**Channel 16** – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other

vessels. Contact the other vessel, agree to another channel, and then switch.

**Channel 22A** – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

**Channels 68, 69, 71, 72 and 78A** – Recreational boat channels.

**Getting and Giving Help** — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.



**NOAA Weather Radio All Hazards (NWR)** is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

<http://www.nws.noaa.gov/nwr/>

## Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

**HAVE ALL PERSONS PUT ON LIFE JACKETS!**

## Quick References

Nautical chart related products and information	—	<a href="http://www.nauticalcharts.noaa.gov">http://www.nauticalcharts.noaa.gov</a>
Interactive chart catalog	—	<a href="http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml">http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml</a>
Report a chart discrepancy	—	<a href="http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx">http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx</a>
Chart and chart related inquiries and comments	—	<a href="http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs">http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs</a>
Chart updates (LNM and NM corrections)	—	<a href="http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html">http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html</a>
Coast Pilot online	—	<a href="http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm">http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm</a>
Tides and Currents	—	<a href="http://tidesandcurrents.noaa.gov">http://tidesandcurrents.noaa.gov</a>
Marine Forecasts	—	<a href="http://www.nws.noaa.gov/om/marine/home.htm">http://www.nws.noaa.gov/om/marine/home.htm</a>
National Data Buoy Center	—	<a href="http://www.ndbc.noaa.gov/">http://www.ndbc.noaa.gov/</a>
NowCoast web portal for coastal conditions	—	<a href="http://www.nowcoast.noaa.gov/">http://www.nowcoast.noaa.gov/</a>
National Weather Service	—	<a href="http://www.weather.gov/">http://www.weather.gov/</a>
National Hurricane Center	—	<a href="http://www.nhc.noaa.gov/">http://www.nhc.noaa.gov/</a>
Pacific Tsunami Warning Center	—	<a href="http://ptwc.weather.gov/">http://ptwc.weather.gov/</a>
Contact Us	—	<a href="http://www.nauticalcharts.noaa.gov/staff/contact.htm">http://www.nauticalcharts.noaa.gov/staff/contact.htm</a>



— For the latest news from Coast Survey, follow **@NOAAcharts**



This Booklet chart has been designed for duplex printing (printed on front and back of one sheet). If a duplex option is not available on your printer, you may print each sheet and arrange them back-to-back to allow for the proper layout when viewing.